

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	09/842,778
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Filing Date	April 27, 2001
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First Named Inventor	Atsushi ITO et al.
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Group Art Unit	2875
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Examiner Name | P.J. Macchiarolo

Attorney Docket Number	1945-347
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Sheet

1

of

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
ELM		JP	10-104657		TOSHIBA CORP.	04-24-1998	Ab
I		JP	8-207159		OMRON CORP.	08-13-1996	Ab
		JP	10-214567		PIONEER ELECTRON CORP.	08-11-1998	Ab
		JP	8-201793		SONY CORP.	08-09-1996	Ab
		JP	2-181781		MITSUBISHI ELECTRIC CORP.	07-16-1990	Ab

Examiner Signature	<i>Pat Macchiaro</i>	Date Considered	5.25.05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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		Office ³ Code	Number ⁴		Kind ⁵ (if known)										
Pm		EP	0 375 377		A1	Mitsubishi Denki Kabushiki Kaisha				06-27-1990					
L		JP	9-49903		A	Nippon Kayaku Co. Ltd.				02-18-1997				Ab	
		DE	946 153			Siemens AG				07-26-1956					
Examiner Signature		Pet Macchiarolo								Date Considered	5-25-05				